Amendments to the Claims:

The following listing of the claims will replace all prior versions and listings of claims in the application:

Claim 1 (Once amended) A golf ball comprising a sphere with peripheral channels [or openings] spaced at predetermined distances on a surface of said sphere, wherein said channels cross over one another, having a portion of an air flow on a front over-pressure area communicating with a rear depression of said golf ball in its forward movement, facilitating aerodynamic air circulation therethrough to reduce resistance.

Claim 2 (Once amended) The golf ball according to claim 1, wherein said golf ball incorporates through orifices parallel to [tangents to said golf ball] a spherical center zone.

Claim 3 (Once amended) The golf ball according to claim 1, further comprising a series of diametric holes [, including several holes parallel to said diametric holes].

Claim 4 (Canceled)

Claim 5 (Once amended) The golf ball according to claim 1, wherein said peripheral channels [openings] have a circular cross-section.

Claim 6 (Original) The golf ball according to claim 1, wherein said surface includes dimples.

Claim 7 (Once amended) The golf ball according to claim 1, wherein a transverse cross- section of said peripheral channels [openings] is rectangular.

Claim 8 (Once amended) The golf ball according to claim 1, wherein a transverse cross- section of said peripheral channels [openings are] is trapezoidal with a larger opening facing outward.

Claim 9 (Once amended) The golf ball according to claim 2 1, wherein a transverse cross- section of said peripheral channels [openings are] is trapezoidal with a smaller opening facing outward.

Claim 10 (Once amended) The golf ball according to claim 1 2, wherein said channels and through orifices [openings] cross over [and intercommunicate on different planes, and which form curved interior] intercommunicating and forming ducts facilitating the [internal] circulation of air as the ball rotates.

Claim 11 (Original) The golf ball according to claim 2, wherein a transverse cross-section of the through orifices is circular.